

## N-acetylgalactosamine kinase

Cat. No. EXWM-2986

Lot. No. (See product label)

### Introduction

**Description** The enzyme is highly specific for GalNAc as substrate, but has slight activity with D-galactose. Requires Mg<sup>2+</sup>, Mn<sup>2+</sup> or Co<sup>2+</sup> for activity, with Mg<sup>2+</sup> resulting in by far the greatest stimulation of enzyme activity.

**Synonyms** GALK2; GK2; GalNAc kinase; N-acetylgalactosamine (GalNAc)-1-phosphate kinase; ATP:N-acetyl-D-galactosamine 1-phosphotransferase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.7.1.157

**Reaction** ATP + N-acetyl- $\alpha$ -D-galactosamine = ADP + N-acetyl- $\alpha$ -D-galactosamine 1-phosphate

**Notes** This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

### Storage and Shipping Information

**Storage** Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.